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**Raman et al.**(10) **Pub. No.: US 2012/0136202 A1**(43) **Pub. Date: May 31, 2012**(54) **METHOD AND APPARATUS FOR EXTERNAL  
STABILIZATION OF THE HEART**(60) Provisional application No. 60/318,172, filed on Sep.  
7, 2001.(75) Inventors: **JaiShankar Raman**, Chicago, IL  
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CA (US)**Publication Classification**(51) **Int. Cl.**  
**A61F 2/04** (2006.01)(73) Assignee: **Mardil, Inc.**, Plymouth, MN (US)(52) **U.S. Cl.** ..... **600/37**(21) Appl. No.: **13/367,265**(57) **ABSTRACT**(22) Filed: **Feb. 6, 2012****Related U.S. Application Data**(63) Continuation of application No. 11/637,286, filed on  
Dec. 12, 2006, now Pat. No. 8,128,553, which is a  
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continuation of application No. 10/236,640, filed on  
Sep. 6, 2002, now Pat. No. 6,716,158.

The present disclosure is directed to an external cardiac basal annuloplasty system (ECBAS or BACE-System: basal annuloplasty of the cardia externally) and methods for treatment of regurgitation of mitral and tricuspid valves. The BACE-System provides the ability to correct leakage of regurgitation of the valves with or without the use of cardiopulmonary bypass, particularly when the condition is related to dilation of the base of the heart. This ECBAS invention can be applied to the base of the heart epicardially, either to prevent further dilation or to actively reduce the size of the base of the heart.

